Amendment to the Claims:

The claims in this application, including their current status and changes made in this paper, are respectfully presented.

Claims 1 through 17 are canceled.

18 (currently amended). A receiver, comprising:

a Fast Fourier Transform for transforming time domain values into complex amplitudes in the frequency domain;

a buffer for supplying received time domain values to the ~~demodulation unit~~ Fast Fourier Transform according to a frame boundary;

a correlator for correlating complex amplitudes of a synchronizing frame with a synchronizing pattern stored at the receiver to produce a correlation result;

a derotation multiplier coupled to the correlator; and

a frame synchronizer for, in response to the correlation result being below a predetermined value, adjusting the frame boundary by a time shift determined by performing a plurality of correlations between the stored synchronizing pattern and the complex amplitudes multiplied, in each one of the plurality of correlations, ~~ease multiplied~~ by a respective complex value representing a respective complex derotation of the complex amplitudes corresponding to a respective time shift of the synchronizing frame for that correlation.

2